

201811 Fire US Data Sources

Geospatial Information and Remotely Sensed Imagery Products

November-16-2018

Catalog Info

Hazards Data Distribution System (HDDS)

Select Event: '201811_Fire_US' -> click on '+' and then 'Search'

Download Shapefiles for image footprints

https://hddsexplorer.usgs.gov/data/list/disaster/201811_Fire_US/shapefiles/index

More information about HDDS: <http://hdds.usgs.gov/hazards-data-distribution-system-hdds>

HDDS Emergency Operations - Collection Management Tool (area of interest for disaster imagery collections) *Request new disaster related imagery here.*

<http://cmt.usgs.gov/>

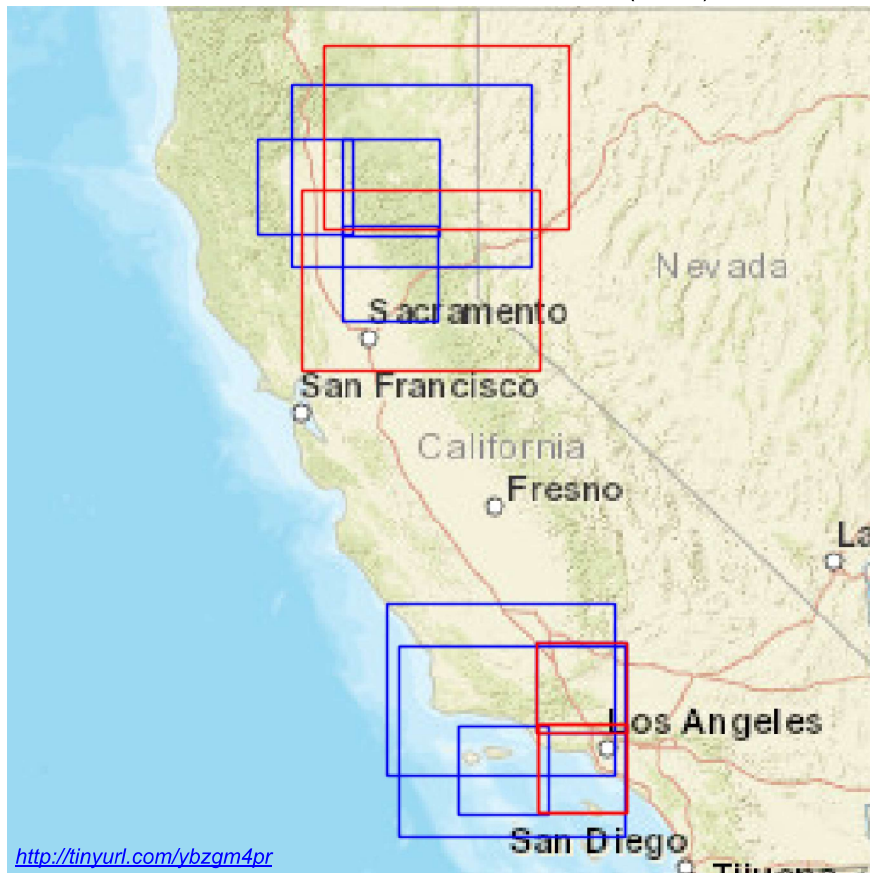
HDDS Footprints Legend:

We highlight new image footprints as either **red** or **blue**, where **red** reflects the newest footprints from the last 48 hours and **blue** reflects footprints from the last 7 days.

 New footprints from the past 48 hours

 Footprints from the last 7 days

Platform: **SENTINEL** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **LANDSAT** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **IRS** scenes from the **last 48 hours** (in red) and from the **last 7 days** (in blue)



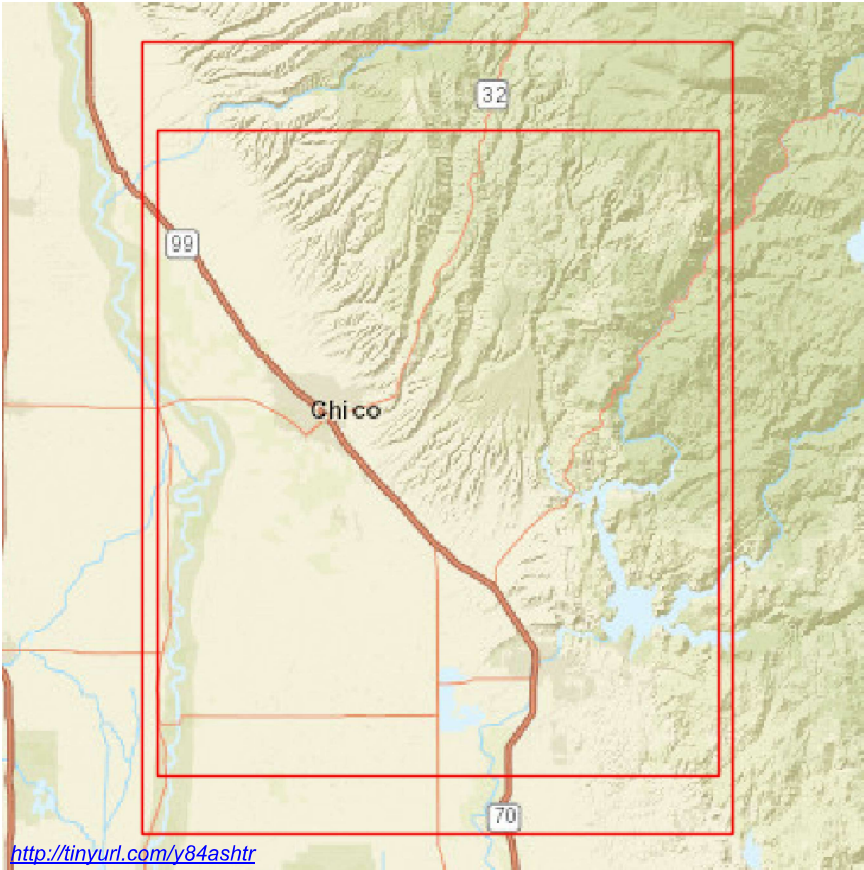
HDDS Restricted

If you have not registered on either EarthExplorer or HDDS, click the register button in the top right corner of the screen and go thru the registration process. Once registered, you will have access to EarthExplorer and HDDS download capabilities. The first time you attempt to download restricted imagery, you will need to fill out an access request form for that event. Click on 'Access' (upper right of HDDS screen), then select 'To request access to restricted data click here'. Select event from menu. Once granted access, you can download restricted imagery. (note: in most cases the restricted area contains licensed imagery, not all requests can be granted.)

Request access:

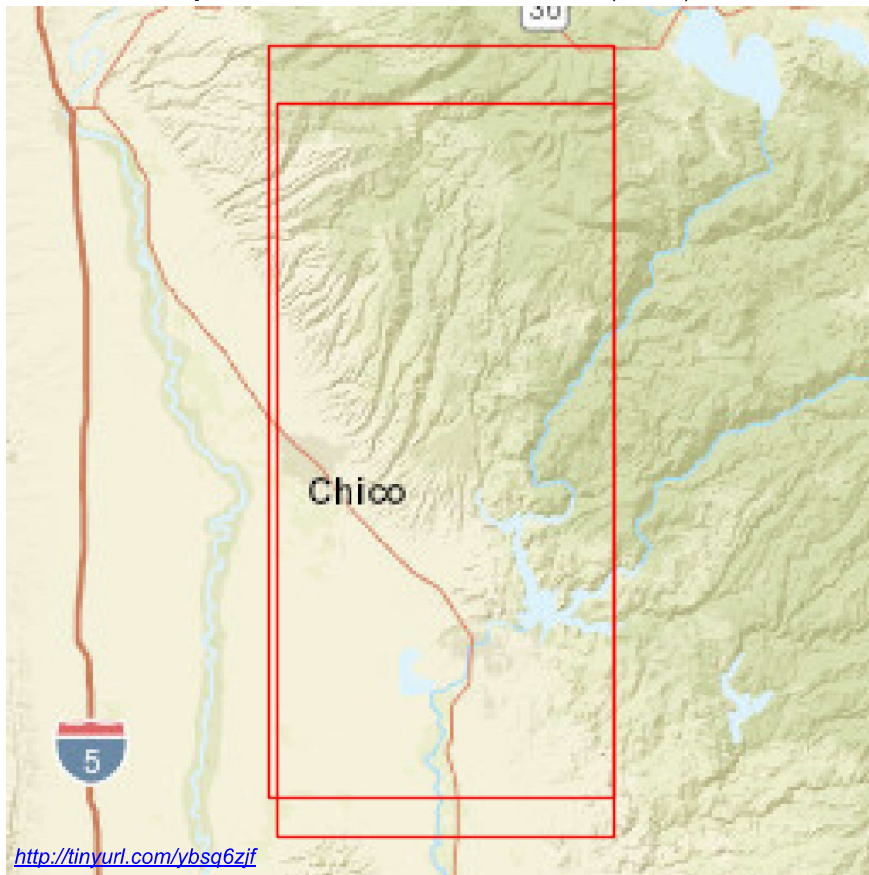
https://hddsexplorer.usgs.gov/access/request?event=201811_Fire_US

Platform: **RESURS** scenes from the **last 48 hours** (in red) and from the **last 7 days** (in blue)

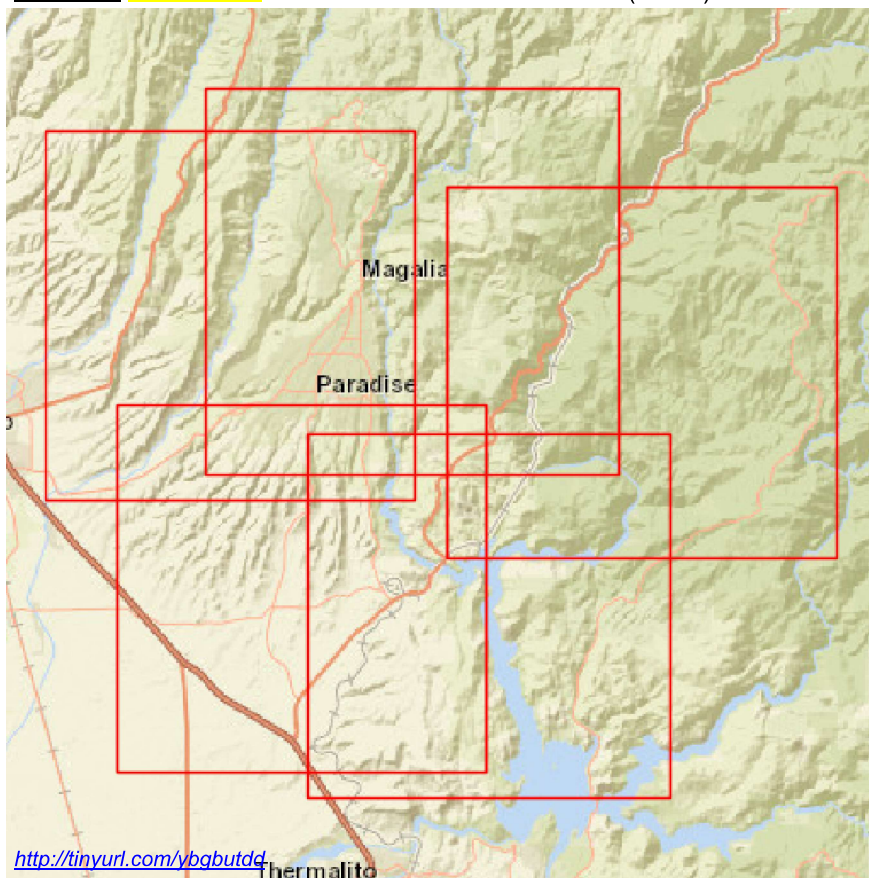


<http://tinyurl.com/y84ashtx>

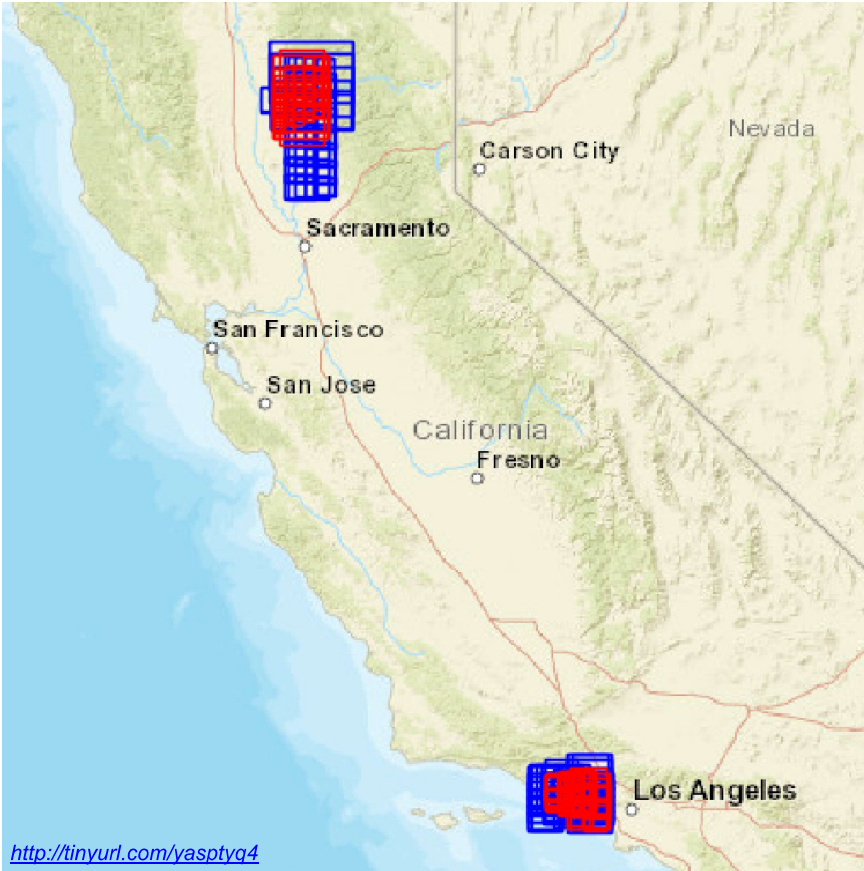
Platform: **Kanopus** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **KOMPSAT** scenes from the last 48 hours (in red) and from the last 7 days (in blue)



Platform: **WORLDVIEW** scenes from the last 48 hours (in red) and from the last 7 days (in blue)

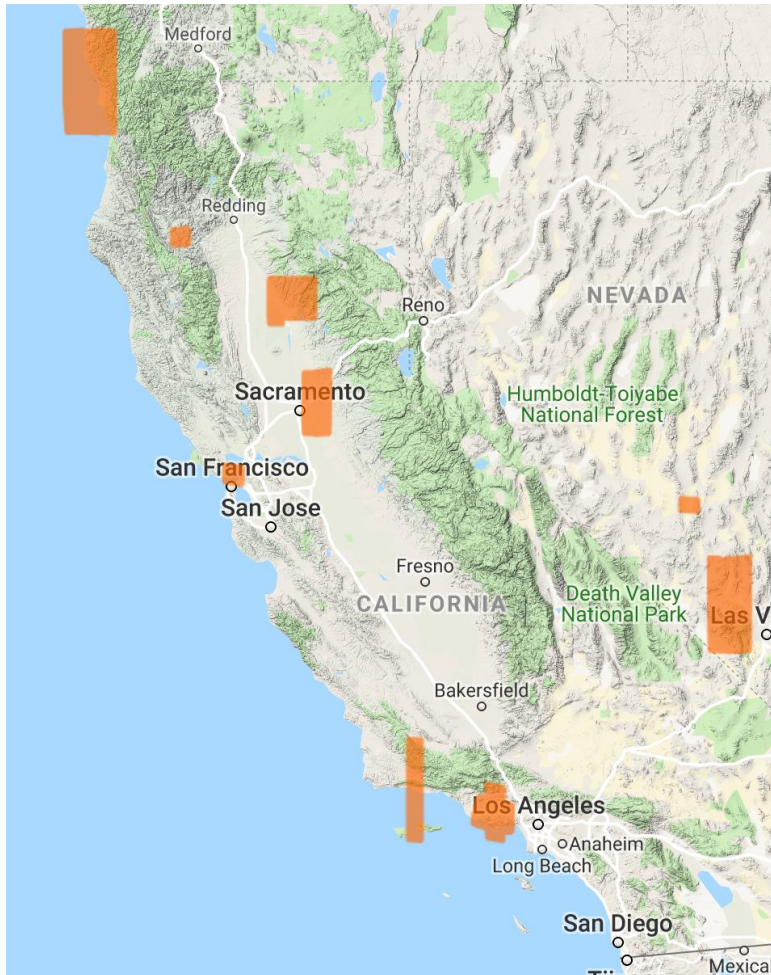


End HDDS

Digital Globe Imagery

Digital Globe imagery is available orthorectified in the NGA funded EnhancedView Web Service. Users with .gov or .mil emails can self-register. <https://evwhs.digitalglobe.com/myDigitalGlobe/>

California Wildfires- Last 48 hours



Eagle Vision scenes

<http://dev.evr2est.us/scenes/table> and <http://evr2est.us/>

CAMP_FIRE



Additional map services and journals:

[NEW] FEMA Geospatial Response Team Maps

Sentinel-2 Natural color:

<http://fema.maps.arcgis.com/home/item.html?id=688ff719127a481e9018651c427a9540>

Sentinel-2 Short Infra-red (a compelling visualization of the fires):

<http://fema.maps.arcgis.com/home/item.html?id=8d94cf3376b14ed890e98da0742822dd>

Sentinel-2 Burn Index (an index showing burn intensity/severity):

<http://fema.maps.arcgis.com/home/item.html?id=af4b93ba88394be09b8cf9bc5793ee83>

Sentinel-2 SAVI (vegetation) index (SAVI as an index of live vegetation. We can use it to estimate the “greenness” of the vegetation):

<http://fema.maps.arcgis.com/home/item.html?id=ac753fc59e7e44d2919a479fbf09c476>

**Note: the presented image will always be the most recent image, and that these images will be updated automatically.*

[NEW] Camp Fire Structure Status from Cal Fire

<http://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=5306cc8cf38c4252830a38d467d33728>

This is the URL to the layer:

https://services1.arcgis.com/iJJYlo9tSA7EHvfZ/arcgis/rest/services/Camp2018_DINS_Public_View_Pictures/FeatureServer

[NEW] Pacific Disaster Center

PDC – Wildfire – Butte County (Camp Fire), California, 15NOV18 0914 PST

- “Wildfire – Butte County (Camp Fire), California, United States” event in DisasterAWARE: https://emops.pdc.org/emops/?hazard_id=87194

PDC – Wildfire – Ventura and LA County (Woolsey Fire), California, 15NOV18 0914 PST

- “Wildfire – Ventura County, California, United States” event in DisasterAWARE: https://emops.pdc.org/emops/?hazard_id=87214

Register here for a DisasterAWARE Account:

<https://emops.pdc.org/emops/public/registeruser.jsp>

Please advise response@pdc.org if you require additional support.

Camp Fire – Normalized SWIR Index

Published Sentinel Imagery for the Camp Wildfire 11_11_2018. Products: SNB, SSR, and Normalized SWIR Index.

<http://fema.maps.arcgis.com/apps/webappviewer/index.html?id=b01fa859f5be467f872ae0799c17f503>

REST Service CAL FIRE Dashboard

<http://fema.maps.arcgis.com/apps/opstdashboard/index.html#/457db02e0a1646edaf62c520a852859f>

Joint Task Civil Support ArcGIS Portal Site

<https://cs-map.jtfcs.northcom.mil/arcgis/home>

NICB Collection Areas

Aerial Imagery in support of the Woolsey Fire and Camp Fire in California

Please visit www.geointel.org for more information

Please contact us with any questions at: support@geointel.org

SSEC True Color imagery from VIIRS direct broadcast

<https://re.ssec.wisc.edu/s/BXKCQ>

JSTAR JPSS Mapper

[JSTAR Mapper](#)

HRRR (rapid refresh) experimental smoke model forecasts

<https://rapidrefresh.noaa.gov/hrrr/HRRRsmoke/>

Experimental Forecast NOAA HRRR Smoke

<https://hwp-viz.gsd.esrl.noaa.gov/smoke/index.html>

Official Region 9 California Fires Journal

<http://arcg.is/19OCbu>

NASA's ARIA Damage Proxy Map of the Woolsey Fire

http://aria-share.jpl.nasa.gov/events/201811-Woolsey_Fire/

Cal OES Situational Awareness Dashboards:

[Situational Awareness Dashboard Web App](#)

FEMA Wildfire Journal:

<https://fema.maps.arcgis.com/apps/MapJournal/index.html?appid=58585e471e484cffbc398c5830d0b4dd>

NASA Disasters GIS Portal:

<https://maps.disasters.nasa.gov/>

Butte County Evac Zones:

[Butte County Evac Zone Web Application](#)

FEMA GIS Portal:

<https://fema.maps.arcgis.com/home/index.html>

NIFC Enterprise Geospatial Portal

For the Fire Community

<https://egp.nwcg.gov/egp/default.aspx>

Users can register for an account on the splash page. NIFC will vet your access before issuing an account.

For the Public

<https://maps.nwcg.gov/>

FS Fire Data Web Services

<https://fsapps.nwcg.gov/afm/wms.php>

Fire Perimeters

- https://rmgsc.cr.usgs.gov/outgoing/GeoMAC/current_year_fire_data/current_year_all_states/
- <https://rmgsc.cr.usgs.gov/ArcGIS/rest/services>

InciWeb

<http://inciweb.nwcg.gov/>

US Wildfire Activity Public Information Map (ESRI ArcGIS)

<http://www.arcgis.com/apps/PublicInformation/index.html?appid=4ae7c683b9574856a3d3b7f75162b3f4>

Air Now (Air Quality)

<https://www.airnow.gov/>

Forest Service Active Fire Mapping

<https://fsapps.nwcg.gov/afm/#>

RemotePixel Viewer (Landsat-8, Sentinel-2 and CBERS-4 data viewer powered by AWS Lambda) **(Use Chrome or FireFox)**

[Click Here for Viewer](#)

ESA Sentinel Imagery (Use Chrome or FireFox)

Sentinel data-playground- additional band combinations to choose from as compared to the eo-browser. (Viewer)

[Click Here for Viewer](#)

Send comments, additions, and corrections to:

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If you would like to be on the distribution list to receive these documents, you can sign up here:

[Remote Sensing and GIS Data for Disaster Community \(RSGDC\) Data Source Updates](#)